SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

COMMON ELEMENTS MODULE

TECHNICAL REQUIREMENTS

Introduction

This document is the technical response to the Common Elements User Requirements document. It will describe how the development team will implement the changes and additions to SWSS Childrens to effect the requirements.

This document is also to be used as a tool by the development team when coding the solution or maintaining it in the future. Thus this document is likely to be updated during the lifecycle of the SWSS project. Versions of this document will be maintained in PVCS, and the reader should be aware that multiple printed versions may exist.

Module Description

Describe the functionality provided by this SWSS module in high-level terms. Start from the Process Description documents, and update it for current development.

This module represents a common code library that is used by all, or at least more than one, SWSS module. It contains:
- code used by Visual Basic controls,
- business rules and field edits that many SWSS modules might need,
- a Common Menu Bar for all forms,
- a common Error form used in Error trapping and diagnosis,
- a common template for module Splash screens,
- a Help…About form,
- code for manipulating the SWSS_INI.INI file,
- SQL tracing code,
- Autoflow Code,
- Corrections Mode code,
- Public constants and variables used throughout the SWSS application,
- and almost all case-level security used in most of the application.

Requirements

Process Description

Describe the business process that this module implements. This can be copied directly from the User Requirements, and should probably mention the name of the User Requirement as well.

The Common Code Elements provides a level of consistent logic that is used by all SWSS modules. This eliminates errors that can occur when one module developer writes a procedure that does the same thing as another developer. When the correct code for this procedure is placed in a Public code module and is simply called by both developer's modules, consistent behavior is then observed by the end user. Even though the end user runs two completely separate Visual Basic executables when switching from one SWSS module to the other.

Functional Requirements

List any requirements this module implements that are not specifically covered in the User Requirements for this module. For example, Soundex must return the Person ID of a person and write it in the SWSS_INI.ini so

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

that CaseReg can "resurrect" that person with the new case, or Funding Determines the eligibility used in placement and updates the SWSS_CASE.Latest_Funding_Determination.

Since the Common code is a library of procedures for use by SWSS application developers, the following tables list those procedures and give a brief description of their function.

SWSS.BAS	
Subroutine/Function Name	**Description**
S: ConnProc	This sub closes the current ADO connection object after 20 minutes of idle time since the last database hit.
S: Autoflow S: AutoflowStatus S: mFlowToEducation (Private)	These subroutines control the user's movement between SWSS modules while in Autoflow mode.
F: bComboBoxTypeAhead F: iFlexibleSelectItem F: Select_ListItem F: Select_Single_ListItem	These functions allow users to type in a selection that might be found in a combo box.
F: bDeleteWorkerStdTickler F: bUpdateWorkerStdTickler F: bPutWorkerStdTickler	These three functions are the common Ticklers functions. All three of these functions maintain Tickler records in the SWSS.worker_std_tickler table.
F: bIsIntegerKey	Check in KeyPress event to be sure that an integer is the key that was pressed.
F: bIsLeapYear	This function determines if a passed year is a leap year. This function is called by the bIsValidDate public function.
F: bIsValidDate	This function was developed to improve upon the IsDate function that can return deceiving results. It calls the bIsLeapYear function and returns True if the passed date is a valid date and no error occurred. The date value must be passed in as a string and be of the form "mm/dd/yyyy".
F: bPrivateINI_GetTrueOrFalse F: bPrivateINI_SectionExists S: ClearINI_Sections S: ExtractINI_Info F: iPrivateINI_GetSectionEntriesEx F: iPrivateINI_GetSectionsEx F: lPrivateINI_GetLongInteger F: lPrivateINI_PutLongInteger F: lPrivateINI_PutString F: lPrivateINI_PutTrueOrFalse S: mPrivateINI_NotRegistered S: PrivateINI_ClearEntry S: PrivateINI_DeleteEntry S: PrivateINI_DeleteSection S: PrivateINI_FlushCache S: PrivateINI_Read S: PrivateINI_Register S: PrivateINI_Write F: tPrivateINI_GetSectionEntries F: tPrivateINI_GetSections F: tPrivateINI_GetString F: tPrivateINI_StripComment	Procedures that read and/or modify the INI files referenced by the application. Those INI files can include SWSS_INI.INI, SQL_Time.INI, SWSSTRAC.INI, and Provider.INI.
S: BreakUpLoadNumber	This subroutine sets the individual sections of the passed load number (which must be in the form of a string) to the passed variables (which are passed ByRef because we need the routine that called this subroutine to be able to read the results).

SWSS.BAS	
Subroutine/Function Name	**Description**
F: bStringCompare	This is a Global procedure to compare two strings.
F: bTextBoxIsEmpty	This function checks the Text property of the passed TextBox to see if it is empty. If it is, or an error occurs, then the function returns True, otherwise, it returns False.
S: CenterControl	This procedure will center a control on a form.
F: change_process	This function (which does not return a value for some reason), is called from most startup forms by the File...Exit menu. It displays a message that data will not be saved and gives the opportunity for the user to cancel the Exit action. However, if the user selects the OK button, then all loaded forms, except the one passed in the parameter list, are unloaded from memory. BE CAUTIOUS! If any other loaded forms have code in either the Form_QueryUnload or Form_Unload events, that code will also be fired off. Decide wisely if using this function is right for your module.
S: check_confidential_ind	This subroutine is called by the mAppShellingVariables subroutine and is used to help determine if the current user should be allowed access to the selected case.
S: CheckForCorrections S: GetCorrectionsInfo	These subroutines deal with Corrections mode issues.
S: CleanUpObjects	This subroutine cleans up any objects references before the form is unloaded so that unused memory resource allocation is not left hanging. These objects include all cpw, CPw2, cpw3, rs, and ADOConn objects as well as the gcolCommandLine collection. Running this subroutine just before an End statement and inside the Form_Unload event should help prevent memory leaks.
S: ClearCollection	This subroutine erases the contents of a collection.
S: CommonShell S: LaunchEXE S: mAppShellingVariables (Private) F: mbCaseStateNot430Or440 (Private) F: mbGrantAccessToFunding F: mbGrantAccessToMARE (Private) F: mbGrantAccessToPayments (Private) S: mDetermineSourceProcess (Private)	The CommonShell subroutine is meant to be the common routine that all processes may use in their common menu bars to shell out to other executables. It calls the other procedures listed to the left. The LaunchEXE subroutine performs the actual shelling process. The mAppShellingVariables subroutine further determines if the user has permission to shell to the requested process and helps set the status message. Be aware that some of its parameters are ByRef. The mbCaseStateNot430Or440 function checks to see if the user is attempting to access a valid SWSS module if the case state is either 430 or 440. The mbGrantAccessToFunding function helps to determine if the user should be allowed access to the Funding Determination process. The mbGrantAccessToMARE function helps to determine if the user should be allowed access to the M.A.R.E. Registration process. The mbGrantAccessToPayments function helps to determine if the user should be allowed access to the Payments process. The mDetermineSourceProcess subroutine uses the value of the App.Title property to determine which process is trying to shell out to another and set the gtINI_E_SRC_PROCESS entry of the SWSS_INI file appropriately.
F: Delete_Selected_Item	Another function which does not return a value. This function should be called from a control's KeyDown event. Also, this function is dependent on the fact that the control parameter, sControl, has a ListIndex property.
S: Display_CR_Error	Displays the specific Crystal Reports Error based on error numbers copied from help file. To use this, you must have executed the CR engine with the '.PrintReport' method which returns a 0 if the report executed

SWSS.BAS	
<u>S</u>ubroutine/<u>F</u>unction Name	Description
	without incident. In the case of a non-zero return, call this subroutine with the return value.
S: DisplayADO_Errors	Displays error messages that might come from the ADODB.Error object.
S: DisplayPrintErrors	Displays error messages which may be encountered while trying to send screen prints to a printer. It should also help determine if a user has not set up a default printer.
S: displayRdoErrors	Unused subroutine which needs to be removed. Replaced by DisplayADO_Errors.
F: EnableControlsOn	Function which does not return a value. This function cycles through all controls on the passed form and sets the enabled property to the passed State value. However, any Command Buttons, Menu items, SSPanels, SSTabs, Crystal Report, and Common Dialog controls are exempt from this function.
F: ExterminateSWSS F: mShutDownOthers (Private)	This subroutine calls the mShutDownOthers subroutine for each and every executable in the SWSS executable except the current one. The mShutDownOthers function checks to see if any other SWSS executables are already running. If they are, display a message box indicating their existence and terminate the current login session.
S: fCentralOfficeAdoption	This function is used to set the Public boolean variable for Central Office Adoption, bCOAdopt.

F: fCheckClientID	This function verifies that the string entered is a valid Recipient ID. Client IDs (and their Recipient ID predecessors) are expected to be in a particular form. The Client ID is a ten digit number whose last eight digits match the Recipient ID. The function returns:
	   0: everything's okay
	   1: input string is not 10 digits
	   2: first two digits not 00
	   3: checkdigit failed based on original formula
	   4: checkdigit failed based on extended formula
	   5: VB Error was trapped

S: FillQueriedResultset S: mInvalidPackage (Private)	This subroutine sets the Rs resultset after the passed public pADO_Query object has been set. If an error occurs, it may call the mInvalidPackage subroutine to display an error message and set a flag when an invalid package has been detected
F: get_DB_DNS_Name	This function uses the global variable gtDB_Connection to determine the name of the server. The names are fixed, so this is a straight lookup with the strings embedded here.
S: HideFromTaskbar S: ShowMeInTaskbar	These subroutines hide and then show all of the load forms in the current application. The routines also hide and show the application icon on the Taskbar, the Alt-Tab process, and the Applications tab in Windows NT Task Manager. These subroutines must be used *together*. You should not call one without calling the other one.
S: IncrementMessageDots	This public subroutine keeps track of the number of "status dots" displayed in the passed Message control. When the maximum number of dots (stored in public variable giMAX_DOTS) is reached, the initial message (stored in public variable gtInitialMessage) overwrites the current value of the Message control's Caption property, effectively "erasing" the dots and starting the "status" display over again.
F: lBase2Long	Converts a number in any base from 2 to 36 to a long. Note: This doesn't verify if the string is a valid number in the given base.
F: lBrakeOutElements	This Function Breaks out the individual pcolElements of a string and places the data into the pcolElements collection. First element in the string will be the first item added to the collection. If an error occurs,

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

SWSS.BAS	
Subroutine/Function Name	**Description**
	the collection will be emptied and a single string will be added to it that says "Error: Breaking out String!".
S: SQL_TracingStatus	This subroutine deals with the SQL tracing system put in place by Mark Stock and the database team.
S: mInvalidPackage (Private)	
S: SetDeviceIndependentWindow F: mlActualPos (Private)	Changes the form size to fill the screen and proportionately resizes all controls on that form to appropriate dimensions. Calls mlActualPos to handle Line controls.
S: PreviousInstance	This is a Global procedure that should be called by your main form or start-up form to detect if the app is already running.
S: ReplaceString	This subroutine replace all instances of ptString2 found in ptString1 with ptReplaceString.
F: select_text	This function highlights the contents of a TextBox or a MaskedEditBox.
S: SetEnabledProperty	This subroutine will change the Enabled property of the passed control only if it needs to be changed - this helps reduce screen flicker.
S: SetVisibleProperty	Copied from the SetEnabledProperty function, this subroutine will change the visible property if it needs to be changed - this helps reduce screen flicker.
S: SSN_Validation	Copied from Nancy Garin's nancy.bas code module. This subroutine uses an algorithm to determine the validity of a social security number.
F: tBuildDelimitedString	This Function returns a string containing the data held in the passed collection to be "de-parsed" at the receiving end.
F: tBuildLoadNumber	This function returns a non-zero load number built from passed county, district, unit, and worker numbers if no errors occur. If an error occurs, it returns a string of ten zeros. Note that this function returns a string.
F: tCaseStateDescription	This function returns the proper Case State description string, based upon the passed parameter, ptCaseStateCode.
F: tDecryptString F: tEncryptString	The tEncryptString function accepts a string and returns an encrypted string of the same length. The tDecryptString function accepts a string and returns a decrypted string of the same length that had been previously encrypted with tEncryptString.
F: tDirectoryBackSlash	This function checks to see if right-most character of the passed parameter, ptDirectory, (which is representative of a directory) is a "\" and if it isn't, the function appends a "\" to the returned string.
F: tGetAppPath	This function uses the App object and its Path property in order to determine which folder the current app is located in. It calls the tDirectoryBackSlash function to make sure that a "\" is appended on the end.
F: Title_Case	Input a String, returns a string with Title Case: i.e., first letter of every word is Capitalized. Uses VB's StrConv to accomplish this task.
F: tNthString	This function attaches an appropriate suffix to the string representation of a number. NOTE: This function only produces meaningful results for numbers >= 0.
F: tShortCaseName	This function takes a last name string and a first name string and builds a "case name" string with a maximum length of iMAX_CASE_NAME characters. (iMAX_CASE_NAME is a local scope constant)
S: UnloadErrorForm	This subroutine determines if the Error form is currently loaded. If it is, the Error form is unloaded.
F: bSaferSetFocus	This function attempts to use the .SetFocus method on the passed control without causing an error. This is accomplished by checking the .Enabled and .Visible properties of the control before using the .SetFocus method. ***WARNING*** Do not pass a Form as a parameter for this

SWSS.BAS	
Subroutine/**F**unction Name	Description
	function. Forms are not Controls and you will get a Type Mismatch error if you try.

Millerm7.bas	
Subroutine/**F**unction Name	Description
F: bPasswordMinLength F: i1stUNamePwdChar F: iUNamePwdCharacter	These three functions are used to restrict user input into a username and/or a password field. In the bPasswordMinLength function, if an entry has been made into the passed TextBox, it is checked for a minimum length. A message box is displayed if the minimum length has not been achieved. The bPasswordMinLength function is usually called from a control's _LostFocus event. The i1stUNamePwdChar function determines if the first character entered in the passed Username/Password field is a number. If it is, the function returns a 0 (to cancel the entry) and then displays a message box to inform the user that passwords and usernames must begin with a letter, not a number. Otherwise, it just echoes back what was entered by the user. The iUNamePwdCharacter function checks to see if the entered character is a valid character. This function should be called from a control's KeyPress event.
F: bSynchronizeSynonyms	This function fixes any changes that may have occurred that may have knocked private Oracle synonyms out of whack. This subroutine assumes that a successful connection to the database has been made and that basic worker information has already been collected. The Login and Utilities modules call this function.
S: CallSQL_Procedure	This subroutine is meant as a possible substitute for the FillQueriedResultset subroutine in the SWSS.BAS module. It achieves the same goal but does it a little bit differently.
S: CaseProgramAndStatus S: CheckLoginUserWorkerID S: fCheckProgramCodeList (Private) S: fCheckSecurityLevel (Private)	These subroutines are all used to help determine if the user who is currently logged into SWSS has permission to access the selected case.
S: CrrctnsPrint5Smessage	This subroutine generates a message when a user is switching log numbers but still has the original log number in Correction mode.
S: DeleteINI_Files	This subroutine deletes the SWSS_INI and SQL_Time .ini files from the user's hard drive, if they exist.
S: ExecuteActionQuery	This is a worthless subroutine that does nothing but call the FillQueriedResultset subroutine in the SWSS.BAS module. It should probably be removed.
S: ExtractCommandLineElements	This subroutine breaks out all of the individual elements passed on the command line and places their values into public strings. It is old code that is no longer used and should be removed.
S: fSetUpdateMode (Private)	This subroutine sets the "Update Mode" section of the SWSS_INI.INI file.
S: GetCaseInformation S: MainMenu_GetCaseInfo S: GetSecondaryWorkers	The GetCaseInformation subroutine gets all case information needed to determine application security access to the selected case. It calls the other procedures and the public subroutine CaseProgramAndStatus in order to accomplish this task.
F: gtConvertOracleDate F: gtConvetToOracleDate	These functions use a string which represents a date and converts that string back and forth between SWSS and Oracle date formats.

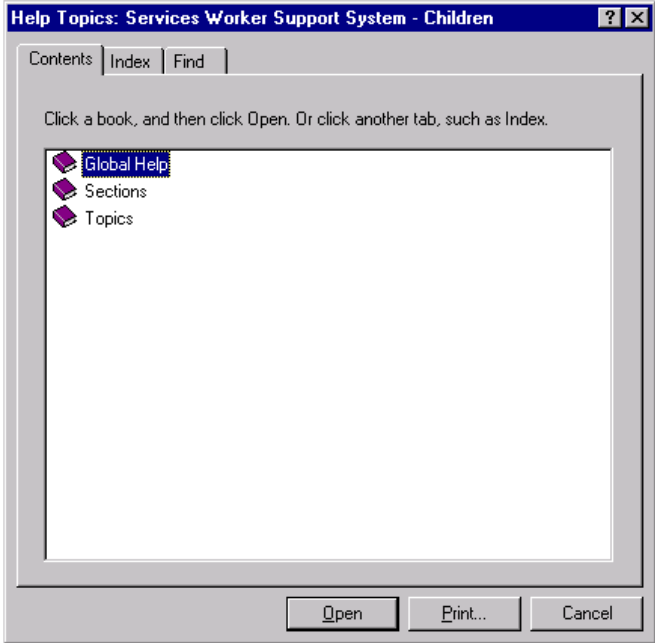| Millerm7.bas	
Subroutine/Function Name	**Description**
S: mBuildADO_ErrorPrompt (Private)	This subroutine is almost exactly identical to the DisplayADO_Errors subroutine found in the SWSS.BAS code module.
S: mInvalidPackage (Private)	This subroutine displays an error message and sets a flag when an invalid package has been detected.
S: SelectAllText	If the passed control is a TextBox, ComboBox, or a Masked Edit box, then this subroutine will highlight all of the text in the passed control. Most useful when passed from a GotFocus event. When the user types a character the contents of the field will be overwritten after this routine has been executed. *** WARNING *** Since this subroutine checks for a masked edit box, the MSMASKED.OCX reference must be in the project, otherwise an error will occur. If you don't want to use a masked edit box, comment out the code that checks for one.
S: SendAppNameToDB	This subroutine tells the Oracle database which app is going to call some security-related stored procedures.
S: Store_SQL_Time	This subroutine stores an entry in the SQL_TIME.INI file.
F: tADPT_ProgressDue	Calculates a due date for a progress report. This was originally written for the Adoption Activity module. That module, however, is no longer used and neither is this function.
F: tBuildSQLString	This function takes in the SQL package name, procedure name, and number of procedure arguments and builds up the QSQL string.
S: TicklerShells	This subroutine checks to see if user requested a log number, calls procedures which get case information for log number, and calls CommonShell subroutine. It acts as a wrapper around the CommonShell procedure and performs actions needed by the Ticklers and Main Menu modules.
F: tTimeSpan	This function subtracts a starting date from an ending date and returns the time interval specified in a string ending in either "Years", "Months", "Weeks", or "Days".
S: ValidateCommandLineElement	This subroutine determines if the gcolCommandLine collection contains a "piIndex"th element. If it does and no other errors have occured so far, then store the string in the "piIndex"th element of the gcolCommandLine collection into the global string specified by ptCommandElement. This is old code and is probably no longer used by any SWSS module.
F: bUserAlreadyLoggedIn	This function is a modified version of the function MultipleInstanceCheck created by Ed Schaus in the frmSWSS_Login VB form module of the SWSS_Login project. This function is used to determine if a particular username is already logged into the system.

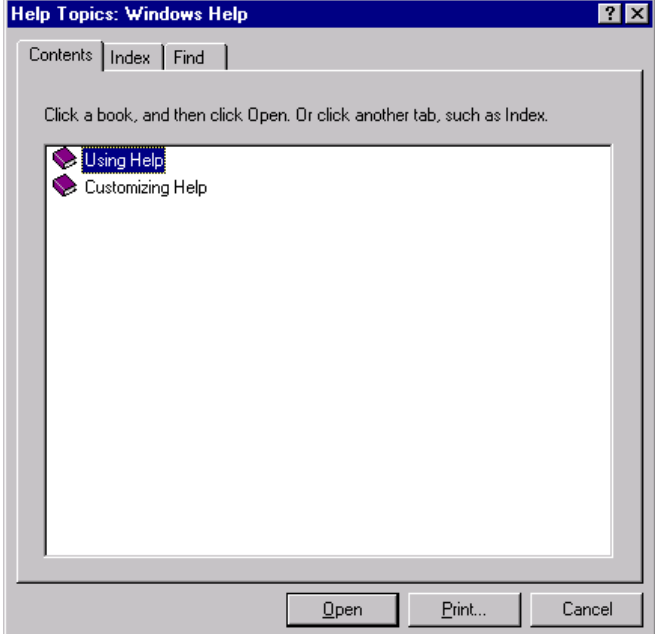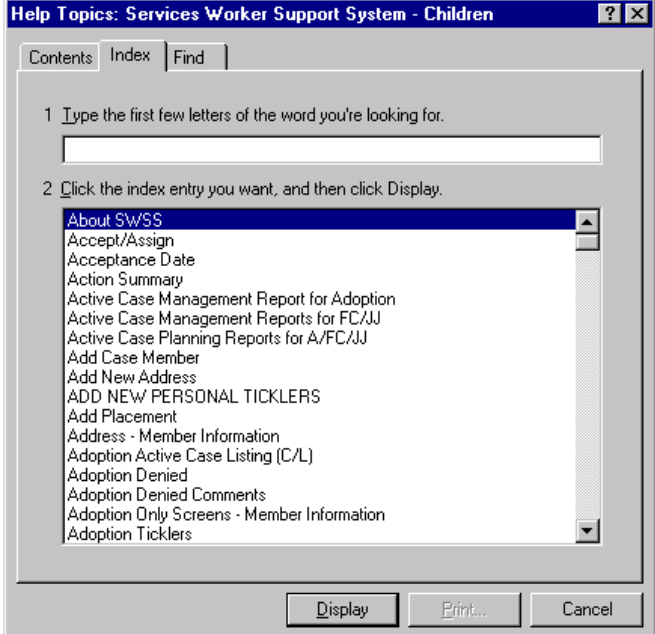| ADOConnection.cls	
Subroutine/Function Name	**Description**
F: AnyConnErrors F: AttemptConnection S: makeconnection F: miConnectionErrors F: NoAutoLogin S: StartConnTimer F: TryEachNode F: UserActionRequired	These functions handle the processes needed to connect the SWSS users to the appropriate Oracle database.

ADOConnection.cls	
Subroutine/Function Name	**Description**
F: bIsIDE F: ReturnTrue (Private)	These functions determine whether code is running within the VB IDE or the runtime environment(EXE). Created by Ola Fjelddahl (06/1999) From Pinnacle Publishing's ' Visual Basic Developer magazine.
S: CloseConn	This is the only place where the connection object is explicitly closed.
F: CreateNewConnObj	To create a new connection object (mCn) as needed and checks to see if any connection related errors have occurred.
S: ErrorHandler	Displays ADO.Error object property values.
F: Execute	Executes the stored SQL procedure or query.
F: GetCaptionControl (Private)	Returns a reference to the "Message" control, or a label control, on the currently active form.
P: IsTransactionPending (Get)	Returns a boolean indicating if the transaction is pending.
S: mActivateSQL_Tracing (Private)	This subroutine alters the user's SQL session by activating SQL tracing. It also builds a unique title for the SQL tracing file, submits it to Oracle, and stores this unique title in the SWSSTRAC.INI file.
S: ParseActiveConnectionString (Private)	The Extended Properties property of the connection object is a string that contains the user ID and password from the original login. This procedure extracts that information.
F: ReOpenConn (Private)	To allow the user to reestablish the database connection after 30 minutes of idle time. User must reconfirm their identity by successfully providing the same User ID and Password that was used at login.
F: WhichConnectionError (Private)	This function returns an error flag which indicates an error number returned by Oracle.
S: mCn_BeginTransComplete (Private) S: mCn_CommitTransComplete (Private) S: mCn_RollbackTransComplete (Private)	Sets the value of the private class-level variable mPendingTransaction.
S: mCn_ExecuteComplete (Private)	Both the Execute and ExecuteComplete functions should not have any error handler in it for the sole purpose of allowing any query related execution errors to propagate back to the calling procedure outside the class. This allows the developer to handle any non-connection related errors. However, these procedures do need to take care of connection-related errors.

Common Menu Bar	
Subroutine/Function Name	**Description**
S: mnuAutoflowAutoflowEnabled_Click (Private)	Calls the AutoflowStatus subroutine to activate/deactivate Autoflow "mode".
S: mnuCorrectionsCorrectionsMode_Click (Private)	Activate/Deactivate Corrections "Mode".
S: mnuCorrectionsView_Click (Private)	Loads up the Aboutcfc.FRM form, queries the database, and attempts to display available Corrections information.

Common Menu Bar	
Subroutine/Function Name	**Description**
S: mnuFileExit_Click (Private)	This subroutine calls the change_process subroutine. If the user selects the Cancel button, the code attempts to shell to the Main Menu module. This is in compliance with the Internal Standards Document for the SWSS Application Development Project.
S: mnuFilePrint_Click (Private)	This subroutine sends a screen-print of the current form to the user's default printer. The error handler attempts to trap possible error messages that might be returned by the printing attempt.
S: mnuHelpAbout_Click (Private)	Loads and shows the Aboutcfc.FRM form.
S: mnuHelpContents_Click (Private)	Loads the Aboutcfc.FRM form. Using the CommonDialog control on this form, this subroutine tries to display this help window:
S: mnuHelpHow_Click (Private)	Loads the Aboutcfc.FRM form. Using the CommonDialog control on this form, this subroutine tries to display this help window:

Common Menu Bar	
Subroutine/Function Name	**Description**
S: mnuHelpSearch_Click (Private)	Loads the Aboutcfc.FRM form. Using the CommonDialog control on this form, this subroutine tries to display this help window:
S: mnuScreens5DayPacket_Click (Private)	Shells out to the Print_5_Day_Packet.exe executable.
S: mnuScreensAdoptionActivity_Click (Private)	Shells out to the A_active.exe executable. (This is currently invisible and is not called)
S: mnuScreensCaseClosing_Click (Private)	Shells out to the Close.exe executable.
S: mnuScreensCaseListing_Click (Private)	Shells out to the Case_Listing.exe executable.
S: mnuScreensCaseRegistration_Click (Private)	Shells out to the CaseReg.exe executable.
S: mnuScreensCaseSummary_Click (Private)	Shells out to the CaseSumm.exe executable.
S: mnuScreensChildInfo_Click (Private)	Shells out to the Meminfo.exe executable after the "CHILD.exe" string has been stored into the

Common Menu Bar	
Subroutine/Function Name	**Description**
	"Miscellaneous" entry of the SWSS_INI.INI file.
S: mnuScreensComments_Click (Private)	Shells out to the comments.exe executable.
S: mnuScreensEducation_Click (Private)	Shells out to the Ed.exe executable.
S: mnuScreensFundingDetermination_Click (Private)	Shells out to the Adc.exe executable.
S: mnuScreensLegal_Click (Private)	Shells out to the Legal.exe executable.
S: mnuScreensMainMenu_Click (Private)	Shells out to the MainMenu.exe executable.
S: mnuScreensMARE_Registration_Click (Private)	Shells out to the Adoption.exe executable.
S: mnuScreensMedicaid_Click (Private)	Shells out to the Medicaid.exe executable.
S: mnuScreensMedical_Click (Private)	Shells out to the Meddata.exe executable. (This menu item is currently disabled).
S: mnuScreensMemberInfo_Click (Private)	Shells out to the Meminfo.exe executable after the "Meminfo.exe" string has been stored into the "Miscellaneous" entry of the SWSS_INI.INI file.
S: mnuScreensPaymentBC_Click (Private)	Shells out to the Payment.exe executable after the "&Board and Care payment" string has been stored into the "Miscellaneous" entry of the SWSS_INI.INI file.
S: mnuScreensPlacement_Click (Private)	Shells out to the Place.exe executable.
S: mnuScreensProvider_Click (Private)	Shells out to the prov.exe executable.
S: mnuScreensJJ_Treatment_Click (Private)	Displays the "Process currently unavailable." Message box.
S: mnuScreensPaymentAS_Click (Private)	Displays the "Process currently unavailable." Message box.
S: mnuScreensProviderEnrollment_Click (Private)	Displays the "Process currently unavailable." Message box.
S: mnuScreensReportGeneration_Click (Private)	Shells out to the ReportGeneration.exe executable.
S: mnuScreensTicklers_Click (Private)	Shells out to the Tick.exe executable.
S: mnuScreensUtilities_Click (Private)	Shells out to the Utility.exe executable.

Business Events

The following are business events that occur which will initiate use of the features common to most SWSS Childrens modules.
1.) The Error diagnosis form is displayed whenever an unexpected, but trapped, error occurs.
2.) Basic computer system information, the current user's database connection, and the current version of the .EXE file are displayed when the user chooses the Help..About menu.
3.) The user can jump from one SWSS module to another by accessing the module name from the Section menu of the Common Menu Bar.
4.) Users can make screen prints by using the File...Print feature in the Common Menu Bar.
5.)

List of Program Units

This would be stuff like common VB code called, the number of VB .BAS modules and form modules in the current application. Also list the Stored Procedures called. Show a "Structure Diagram" of which VB procedure calls a stored procedure or another VB procedure. Also show which stored procedures call other stored procedures.

Visual Basic Code Modules

Forms	File Name
frmAboutCFC	(Aboutcfc.frm)
frmError	(Error.frm)
frmSplash	(frmSplash.frm)

Code Modules	File Name
millerm7	(millerm7.bas)
swss	(swss.bas)

Class Modules	File Name
clsConn	(ADOConnection.cls)

SQL Stored Procedures and Packages

MODULE: Aboutcfc.frm			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
Form_Load	GetVersionEx (*a kernel32.dll API call*)		
	GetSystemInfo (*a kernel32.dll API call*)		
	GlobalMemoryStatus (*a kernel32.dll API call*)		
Form_Activate	swss.CenterControl	(See the swss.bas table for more information)	
	swss.SetVisibleProperty		
cmdSystemInfo_Click	swss.SetVisibleProperty	(See the swss.bas table for more information)	
	swss.SetEnabledProperty		
cmdok_Click	Form_Unload		
CmdCredit_Click	Timer1_Timer	BitBlt (*a gdi32.dll API call*)	
	swss.SetEnabledProperty	(See the swss.bas table for more information)	
cmdBack_Click	swss.SetVisibleProperty	(See the swss.bas table for more information)	
	swss.SetEnabledProperty		

MODULE: Error.frm			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
Form_Load	GetVersionEx (*a kernel32.dll API call*)		
	GetSystemInfo (*a kernel32.dll API call*)		
	GlobalMemoryStatus (*a kernel32.dll API call*)		
	swss.ExtractINI_Info	(See the swss.bas table for more information)	
	swss.tCaseStateDescription		
	GetUserName (*a advapi32.dll API call*)		
	swss.CenterControl	(See the swss.bas table	

MODULE: Error.frm			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
	swss.SetDeviceIndependentWindow	for more information)	
	fSpecialSizes		
cmdResume_Click	Form_Unload		
cmdResumeNext_Click			
cmdCancelForm_Click			
cmdViewDiagnosis_Click	swss.SetVisibleProperty	(See the swss.bas table for more information)	
	swss.SetEnabledProperty		
cmdCancel_Click	swss.SetVisibleProperty	(See the swss.bas table for more information)	
	swss.SetEnabledProperty		
mnuFileExit_Click	cmdCancel_Click	swss.SetVisibleProperty	(See the swss.bas table for more information)
		swss.SetEnabledProperty	
	swss.SetEnabledProperty	(See the swss.bas table for more information)	
mnuFilePrint_Click	cmdPrint_Click		

MODULE: frmSplash.frm			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
Form_Load	GetVersionEx (*a kernel32.dll API call*)		
Form_KeyPress	Form_Unload		
Frame1_Click	Form_Unload		

MODULE: millerm7.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
bIsLeapYear			
bIsValidDate	bIsLeapYear		
bPasswordMinLength	swss.bSaferSetFocus		
bSynchronizeSynonyms	swss.FillQueriedResultset	(See the swss.bas table for more information)	
	{SWSS.SWSS_SET_DEF_SCHEMA_PKGS}		
	Store_SQL_Time	See Store_SQL_Time in the **FIRST CALL DEPTH** column later in this table.	
CallSQL_Procedure	clsConn.Execute	(See the ADOConnection.cls table for more information)	
	mInvalidPackage (*Called from the error trapping code if the error number indicates an invalid SQL package*)		
	mBuildADO_ErrorPrompt (*Called from the error trapping code*)		

MODULE: millerm7.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
	swss.SetEnabledProperty	(*Called from the error trapping code*)	
	swss.CleanUpObjects		
	swss.ClearINI_Sections	(See the swss.bas table for more information)	
CaseProgramAndStatus	CheckLoginUserWorkerID	See CheckLoginUserWorkerID in the **FIRST CALL DEPTH** column later in this table.	
	fCheckSecurityLevel	CheckLoginUserWorkerID	See CheckLoginUserWorkerID in the **FIRST CALL DEPTH** column later in this table.
		fCheckProgramCodeList	See fCheckProgramCodeList in the **FIRST CALL DEPTH** column later in this table.
		fSetUpdateMode	See fSetUpdateMode in the **FIRST CALL DEPTH** column later in this table.
CheckLoginUserWorkerID	fSetUpdateMode	See fSetUpdateMode in the **FIRST CALL DEPTH** column later in this table.	
	tBuildSQLString		
	clsConn.Execute	(See the ADOConnection.cls table for more information)	
	{SWSS.Main_Menu.get_load_securities}		
	fCheckProgramCodeList	See fCheckProgramCodeList in the **FIRST CALL DEPTH** column later in this table.	
fCheckProgramCodeList	fSetUpdateMode	See fSetUpdateMode in the **FIRST CALL DEPTH** column later in this table.	
fSetUpdateMode	swss.PrivateINI_Register	(See the swss.bas table for more information)	
	swss.tGetAppPath		
	swss.lPrivateINI_PutString		
Store_SQL_Time	swss.PrivateINI_Register	(See the swss.bas table for more information)	
	swss.tGetAppPath		
	swss.lPrivateINI_PutString		
mInvalidPackage			
mBuildADO_ErrorPrompt			

MODULE: millerm7.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
CrrctnsPrint5SMessage			
ExecuteActionQuery (*may not be used anymore*)	swss.FillQueriedResultset	(See the swss.bas table for more information)	
ExtractCommandLineElements (*may not be used anymore*)	swss.PrivateINI_Register	(See the swss.bas table for more information)	
	swss.tGetAppPath		
	swss.tPrivateINI_GetString		
	swss.tDecryptString		
	swss.lPrivateINI_PutString		
GetCaseInformation	MainMenu_GetCaseInfo	tBuildSQLString	
		swss.IncrementMessageDots	(See the swss.bas table for more information)
		clsConn.Execute	(See the ADOConnection.cls table for more information)
		{SWSS.Main_Menu.get_case_info}	
	swss.PrivateINI_Register	(See the swss.bas table for more information)	
	swss.tGetAppPath		
	swss.CommonShell		
	swss.lPrivateINI_PutString		
	swss.IncrementMessageDots		
	swss.bPrivateINI_SectionExists		
	swss.PrivateINI_DeleteSection		
	swss.ExtractINI_Info		
	tBuildSQLString		
	swss.FillQueriedResultset	(See the swss.bas table for more information)	
	{SWSS.Main_Menu.get_responsibility}		
	{SWSS.Main_Menu.get_update_worker_ids}		
	GetSecondaryWorkers	tBuildSQLString	
		swss.IncrementMessageDots	(See the swss.bas table for more information)
		swss.FillQueriedResultset	
		{SWSS.Main_Menu.get_scndry_wrkr_IDs}	
		swss.PrivateINI_Register	(See the swss.bas table for more information)
		swss.tGetAppPath	
		swss.PrivateINI_DeleteSection	
		swss.lPrivateINI_PutString	
		{SWSS.Main_Menu.get_sup_sec_wrkr}	

MODULE: millerm7.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
		{SWSS.Main_Menu.get_co _adpt_supvsr_id}	
	CaseProgramAndStatus	See fCheckProgramCodeList in the **FIRST CALL DEPTH** column previously in this table.	
gtConvertOracleDate			
gtConvetToOracleDate			
i1stUNamePwdChar			
iUNamePwdCharacter			
SelectAllText			
SendAppNameToDB	swss.FillQueriedResultset		
	{DBMS_APPLICATION_IN FO.SET_MODULE}		
	Store_SQL_Time	See Store_SQL_Time in the **FIRST CALL DEPTH** column previously in this table.	
tADPT_ProgressDue (*The Adoption Activity module called this but it is probably no longer being used.*)			
TicklerShells	CrrctnsPrint5SMessage		
	GetCaseInformation	See GetCaseInformation in the **FIRST CALL DEPTH** column previously in this table.	
	swss.PrivateINI_Register	(See the swss.bas table for more information)	
	swss.tGetAppPath		
	swss.PrivateINI_DeleteSec tion		
	swss.CommonShell		
tTimeSpan			
ValidateCommandLineEle ment (*Old code that is probably no longer being used.*)			
bUserAlreadyLoggedIn	clsConn.Execute	(See the ADOConnection.cls table for more information)	
	{SWSS.SWSS_USER_LOG GED_IN}		

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
AnyConnErrors			
AttemptConnection	tNthString		

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
Autoflow	mbGrantAccessToFunding		
	mbGrantAccessToPayments		
	mFlowToEducation	PrivateINI_Register	
		tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column later in this table.
		lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column later in this table.
	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column later in this table.	
	lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column later in this table.	
	CommonShell	See CommonShell in the **FIRST CALL DEPTH** column later in this table.	
tGetAppPath	tDirectoryBackSlash		
lPrivateINI_PutString	mPrivateINI_NotRegistered		
	WritePrivateProfileString (*a kernel32.dll API call*)		
CommonShell	(*this code may also fire off the _Click event of the "Corrections Mode" Common Menu Bar item.*)		
	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.	
	mAppShellingVariables	See mAppShellingVariables in the **FIRST CALL DEPTH** column later in this table.	
	mDetermineSourceProces	PrivateINI_Register	

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
	s	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.
		lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.
	LaunchEXE	tBuildDelimitedString	ReplaceString
		CreateProcessBynum (*a kernel32.dll API call*)	
		WaitForInputIdle (*a user32.dll API call*)	
		IncrementMessageDots	
		WaitForSingleObject (*a kernel32.dll API call*)	
		CloseHandle (*a kernel32.dll API call*)	
		KillTimer (*a user32.dll API call*)	
		CleanUpObjects	
mAppShellingVariables	tCaseStateDescription		
	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.	
	mbGrantAccessToFunding		
	tPrivateINI_GetString	See tPrivateINI_GetString in the **FIRST CALL DEPTH** column later in this table.	
	mbGrantAccessToPayments		
	check_confidential_ind	PrivateINI_Register	
		tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.
		lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.
	mbGrantAccessToMARE		
	mbCaseStateNot430Or440		

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
tPrivateINI_GetString	mPrivateINI_NotRegistered		
	GetPrivateProfileString (*a kernel32.dll API call*)		
AutoflowStatus	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.	
	(*this subroutine may also fire off the _Click event of the AutoflowEnabled menu item found in the Common Menu Bar*)		
	SetEnabledProperty		
bComboBoxTypeAhead	(*this function may fire off the _Click event of the passed combo box when its .ListIndex property is set*)		
bDeleteWorkerStdTickler	clsConn.Execute	(see ADOConnection.cls table for more information)	
	{SWSS.Tick_Actions.del_wrkr_std_tick}		
bIsIntegerKey			
bPrivateINI_GetTrueOrFalse	tPrivateINI_GetString	See tPrivateINI_GetString in the **FIRST CALL DEPTH** column previously in this table.	
bPrivateINI_SectionExists	tPrivateINI_GetSections	See tPrivateINI_GetSections in the **FIRST CALL DEPTH** column later in this table.	
tPrivateINI_GetSections	mPrivateINI_NotRegistered		
	tPrivateINI_StripComment		
bPutWorkerStdTickler	clsConn.Execute	(see ADOConnection.cls table for more information)	
	{SWSS.Tick_Actions.put_wrkr_std_tick}		
BreakUpLoadNumber			
bStringCompare			
bTextBoxIsEmpty			

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
bUpdateWorkerStdTickler	clsConn.Execute	(see ADOConnection.cls table for more information)	
	{SWSS.Tick_Actions.upd_wrkr_std_tick}		
CenterControl			
change_process	(*this subroutine could fire off the Form_QueryUnload and/or the Form_Unload for many possible forms*)		
CheckForCorrections	SetEnabledProperty		
	(*this procedure may fire off the _Click event of the CorrectionMode item in the Common Menu Bar*)		
CleanUpObjects			
ClearCollection			
ClearINI_Sections	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	bPrivateINI_SectionExists	See bPrivateINI_SectionExists in the **FIRST CALL DEPTH** column previously in this table.	
	PrivateINI_DeleteSection	mPrivateINI_NotRegistered	
		WritePrivateProfileString (*a kernel32.dll API call*)	
	lPrivateINI_PutTrueOrFalse	See lPrivateINI_PutTrueOrFalse in the **FIRST CALL DEPTH** column later in this table.	
	PrivateINI_DeleteEntry	mPrivateINI_NotRegistered	
		WritePrivateProfileString (*a kernel32.dll API call*)	
	iPrivateINI_GetSectionEntriesEx	See iPrivateINI_GetSectionEntriesEx in the **FIRST CALL DEPTH** column later in this table.	
	iPrivateINI_GetSectionsEx	tPrivateINI_GetSections	See tPrivateINI_GetSections in the **FIRST CALL DEPTH** column previously in this table.
ConnProc	KillTimer (*a user32.dll API call*)		

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
	clsConn.IsTransactionPending		
	clsConn.CloseConn		
Delete_Selected_Item			
Display_CR_Error			
DisplayADO_Errors			
DisplayPrintErrors	UnloadErrorForm		
	frmError.Form_Load	(See the Error.frm table for more information)	
	SetEnabledProperty		
displayRdoErrors (*a worthless subroutine that just takes up space*)			
EnableControlsOn			
ExterminateSWSS	mShutDownOthers	FindWindow (*a user32.dll API call*)	
ExtractINI_Info	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	tPrivateINI_GetString	See tPrivateINI_GetString in the **FIRST CALL DEPTH** column previously in this table.	
	tDecryptString		
	tCaseStateDescription		
	bPrivateINI_GetTrueOrFalse	See bPrivateINI_GetTrueOrFalse in the **FIRST CALL DEPTH** column previously in this table.	
	iPrivateINI_GetSectionEntriesEx	See iPrivateINI_GetSectionEntriesEx in the **FIRST CALL DEPTH** column later in this table.	
	(*this subroutine may also fire off the _Click event for the AutoflowEnabled item of the Common Menu Bar*)		
	SetEnabledProperty		
	(*this subroutine may also fire off the _Click event for the CorrectionModeSubMenu item of the Common Menu Bar*)		
lPrivateINI_PutTrueOrFalse	lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.	

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
iPrivateINI_GetSectionEntriesEx	tPrivateINI_GetSections	See tPrivateINI_GetSections in the **FIRST CALL DEPTH** column previously in this table.	
fCentralOfficeAdoption			
fCheckClientID			
FillQueriedResultset	clsConn.Execute	(See the ADOConnection.cls table for more information)	
get_DB_DNS_Name			
GetCorrectionsInfo	clsConn.Execute	(See the ADOConnection.cls table for more information)	
	{SWSS.correctionpkg.get_correct}		
HideFromTaskbar	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.	
	GetWindow (*a user32.dll API call*)		
	ShowWindow (*a user32.dll API call*)		
iFlexibleSelectItem	SendMessage (*a user32.dll API call*)		
	(*this subroutine may fire off the _Click event of the control passed to it when the .ListIndex property is set*)		
IncrementMessageDots			
lBase2Long			
lBrakeOutElements			
lPrivateINI_GetLongInteger	mPrivateINI_NotRegistered		
	GetPrivateProfileInt (*a kernel32.dll API call*)		
lPrivateINI_PutLongInteger	mPrivateINI_NotRegistered		
	WritePrivateProfileString (*a kernel32.dll API call*)		
mActivateSQL_Tracing	clsConn.Execute	(See the ADOConnection.cls table for more information)	
	{ALTER SESSION SET SQL_TRACE = TRUE}		

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
	{select 'tTraceTitle' from dual}	*The value of tTraceTitle is built from the App.Title property of the current app, the username of the current user, and the current date/time.*	
	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.	
makeconnection	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	tPrivateINI_GetString	See tPrivateINI_GetString in the **FIRST CALL DEPTH** column previously in this table.	
	mActivateSQL_Tracing	(*only called if SQL Tracing flag in SWSS_INI.INI file is set to True*)	
	DisplayADO_Errors		*These are only called from the error handler if an error occurs.*
	CleanUpObjects		
	ClearINI_Sections	See ClearINI_Sections in the **FIRST CALL DEPTH** column previously in this table.	
miConnectionErrors	DisplayADO_Errors		
mlActualPos			
mShutDownOthers	FindWindow (*a user32.dll API call*)		
NoAutoLogin			
PreviousInstance	FindWindow (*a user32.dll API call*)		
	GetWindow (*a user32.dll API call*)		
	OpenIcon (*a user32.dll API call*)		
	SetForegroundWindow (*a user32.dll API call*)		
PrivateINI_ClearEntry	mPrivateINI_NotRegistered		
	WritePrivateProfileString (*a kernel32.dll API call*)		
PrivateINI_DeleteEntry	mPrivateINI_NotRegistered		

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
	WritePrivateProfileString (*a kernel32.dll API call*)		
PrivateINI_DeleteSection	mPrivateINI_NotRegistered		
	WritePrivateProfileString (*a kernel32.dll API call*)		
PrivateINI_FlushCache	mPrivateINI_NotRegistered		
	WritePrivateProfileString (*a kernel32.dll API call*)		
PrivateINI_Read	GetPrivateProfileInt (*a kernel32.dll API call*)		
	GetPrivateProfileString (*a kernel32.dll API call*)		
PrivateINI_Write	WritePrivateProfileString (*a kernel32.dll API call*)		
ReplaceString			
Select_ListItem	SendMessage (*a user32.dll API call*)		
Select_Single_ListItem	SendMessage (*a user32.dll API call*)		
select_text			
SetDeviceIndependentWindow			
SetEnabledProperty			
SetVisibleProperty			
ShowMeInTaskbar	GetWindow (*a user32.dll API call*)		
	ShowWindow (*a user32.dll API call*)		
	PrivateINI_Register		
	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	tPrivateINI_GetString	See tPrivateINI_GetString in the **FIRST CALL DEPTH** column previously in this table.	
	lPrivateINI_PutString	See lPrivateINI_PutString in the **FIRST CALL DEPTH** column previously in this table.	
SQL_TracingStatus	tGetAppPath	See tGetAppPath in the **FIRST CALL DEPTH** column previously in this table.	
	tPrivateINI_GetString	See tPrivateINI_GetString in the **FIRST CALL DEPTH** column previously in this table.	

MODULE: swss.bas			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
	lPrivateINI_PutTrueOrFalse	See lPrivateINI_PutTrueOrFalse in the **FIRST CALL DEPTH** column previously in this table.	
	tPrivateINI_GetString	See tPrivateINI_GetString in the **FIRST CALL DEPTH** column previously in this table.	
	clsConn.CreateNewConnObj	(See the ADOConnection.cls table for more information)	
SSN_Validation			
StartConnTimer	KillTimer (*a user32.dll API call*)		
	SetTimer (*a user32.dll API call*)		
tBuildDelimitedString	ReplaceString		
tBuildLoadNumber			
tCaseStateDescription			
tDecryptString			
tDirectoryBackSlash			
tEncryptString			
Title_Case			
tNthString			
tPrivateINI_GetSectionEntries	mPrivateINI_NotRegistered		
	GetPrivateProfileString (*a kernel32.dll API call*)		
tPrivateINI_GetSections	mPrivateINI_NotRegistered		
	tPrivateINI_StripComment		
tPrivateINI_StripComment			
TryEachNode			
tShortCaseName			
UnloadErrorForm			
UserActionRequired			
bSaferSetFocus			

MODULE: ADOConnection.cls			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
Class_Initialize	CreateNewConnObj	See CreateNewConnObj in the **FIRST CALL DEPTH** column later in this table.	
CreateNewConnObj	swss.makeconnection	(see swss.bas table for more information)	
	swss.miConnectionErrors		
	swss.UserActionRequired		

MODULE: ADOConnection.cls			
FIRST CALL DEPTH	**SECOND CALL DEPTH**	**THIRD CALL DEPTH**	**FOURTH CALL DEPTH**
	swss.TryEachNode		
	swss.NoAutoLogin		
Class_Terminate	KillTimer (*a user32.dll API call*)		
mCn_ExecuteComplete	swss.AnyConnErrors	(see swss.bas table for more information)	
	bIsIDE		
	swss.StartConnTimer	(see swss.bas table for more information)	
	swss.AttemptConnection		
	ReOpenConn	See ReOpenConn in the **FIRST CALL DEPTH** column later in this table.	
	CreateNewConnObj	See CreateNewConnObj in the **FIRST CALL DEPTH** column previously in this table.	
ReOpenConn	swss.PrivateINI_Register	(see swss.bas table for more information)	
	swss.tGetAppPath		
	swss.lPrivateINI_PutString		
	swss.CommonShell		
	NoDLL	ParseActiveConnectionString	
CloseConn			
Property Get Cn	CreateNewConnObj	See CreateNewConnObj in the **FIRST CALL DEPTH** column previously in this table.	
	ReOpenConn	See ReOpenConn in the **FIRST CALL DEPTH** column previously in this table.	
Property Let Cn			
ErrorHandler			
Execute	ReOpenConn	See ReOpenConn in the **FIRST CALL DEPTH** column previously in this table.	
Property Get IsTransactionPending			
ParseActiveConnectionString			
ReturnTrue			

Report (output) Images

The Common Elements don't have a specific report, form, or form letter that is printed out. However, the Common Elements User Requirements specify the format of some portions of other module reports. Please refer to the Common Elements User Requirements document for more information.

Data Elements

For every element on a screen output report:

- Map each data element displayed, printed, or entered to the database table and field, such as the example done by SDM that Paula mentioned in the team meeting (p:\users\share\servwork\SWSS\templates\ReqTemplates\DataDefinitions).xls

Form Field Description	Data Source	Data Target	Target Type	Constr
millerm7.bSynchronizeSynonyms:				
When calling "SWSS.SWSS_SET_DEF_SCHEMA_PKGS"…	dba_users.username dba_role_privs.grantee dba_role_privs.granted_role			
millerm7.GetCaseInformation				
gtCaseName	swss.swss_case.case_name			
gtChild_ID	swss.swss_case.child_id			
gtCaseNumber	swss.swss_case.cis_case_no			
gtLegalStatus	swss.swss_case.latest_legal_status			
gtCaseStatus	swss.swss_case.program_status			
gtCaseState	swss.swss_case.swss_case_state			
gtCaseCounty	swss.swss_case.county_no			
ftPrimaryWorkerID	swss.swss_case.primary_worker_id			
gtWorkerLoadNumber	swss.load_case.load_no			
gtProgramCode	swss.swss_case.program_code			
gtLivingArrangement	swss.swss_case.latest_living_arrangement			
gtGoalCode	swss.cfc_info.goal_code			
gtResponsibility	swss.load_case.responsibility			
gtUserSecurityLevel	swss.security.security_code			
gtUpdateWorkers (array)	swss.load.worker_id			
millerm7.GetSecondaryWorkers				
gtSecondaryWorkers (array)	swss.load_worker.worker_id			
swss.bDeleteWorkerStdTickler				
calling {swss.tickler_actions.del_wrkr_std_tick}		swss.WORKER_STD_TICKLER. DELETE_IND	varchar2(1)	
swss.bPutWorkerStdTickler				

Form Field Description	Data Source	Data Target	Target Type	Constr
calling {swss.tickler_actions.put_wrkr_std_tick}		swss.WORKER_STD_TICKLER. COUNTY_NO swss.WORKER_STD_TICKLER. WORKER_ID swss.WORKER_STD_TICKLER. STD_TICKLER_ID swss.WORKER_STD_TICKLER.L OG_ID swss.WORKER_STD_TICKLER. CREATE_DATE swss.WORKER_STD_TICKLER. DUE_DATE swss.WORKER_STD_TICKLER. DELETE_IND	number(2) number varchar2(10) number date date varchar2(1)	
swss.bUpdateWorkerStdTickler calling {swss.tickler_actions.upd_wrkr_std_tick}		swss.WORKER_STD_TICKLER. WORKER_ID swss.WORKER_STD_TICKLER. DUE_DATE	number date varchar2(1)	
swss.GetCorrectionsInfo calling {swss.correctionpkg.get_correct}	swss.correction.correction_date swss.worker.worker_name swss.column_synonym.synonym_name swss.group_person.last_name swss.group_person.first_name swss.correction.value_old swss.correction.value_new			
swss.mActivateSQL_Tracing Calling {ALTER SESSION SET SQL_TRACE = TRUE}	N/A	N/A		

- Make a specific reference to the SWSS Schema data dictionary, which ought to be available any day now.

- List and discuss any specific validation routines, constraints, or dependent data validations (like legal status and living arrangement) that are not in the data dictionary. You can check (and copy from) the User Requirements Data Element Description for these type of validations.

- Specify which elements can only be changed in "Corrections" mode.

- Explain the instancing of this data element in laymen's terms. This is implied in the table name, usually, such as the "Case_Person" table refers to an instance of a (group) person record in a particular case, and the "Group_Person" table refers to an instance of a person in a particular sibling group. Go ahead and say it like that, as it applies. This includes "historical" data, such as Medicaid_History, which is an instance of medicaid data over time.

Integration with Existing System

How does this module integrate with SWSS. Is it a selection from the main menu? Are there specific things needed in the SWSS_INI.ini? Are there short cut keys or menu selections? Can it be called directly from another module, during which time the calling module shows a blank screen or mess with the task bar, and does it need to update something for that calling module?

1.) This module covers the Common Menu Bar. It is the menu object that appears on each form in each module. The code underneath each menu item is the same for each module except the Main Menu and Ticklers modules. The Main Menu and Ticklers modules use the millerm7.TicklerShells subroutine to shell out to the other modules. All other modules make use of the swss.CommonShell subroutine.
2.) The common code in this module manipulates the entries in the SWSS_INI.INI file.

SWSS_INI entry	VB global variable	Oracle table column/notes
[Other]		
Central Office Code	gtCentOfficeCode	SWSS.CENTRAL_OFFICE.G_CENTRAL_OFFICE_CODE (*Note: this is not a table column. It is a global constant in the CENTRAL_OFFICE stored SQL package*)
DB Connect String	gtDB_Connection gtHostStrings(1)	*This refers to the name of the Oracle database that the user is currently connected to.*
Secondary Host	gtHostStrings(2)	*These other two elements in this string array refer to two other possible databases that the SWSS application could try and connect the user to.*
Tertiary Host	gtHostStrings(3)	
ODBC Driver	gtODBC_Driver	*This was meant to keep track of which driver to use while connecting a SWSS application to the Oracle database. However, the VB variable is now used to verify valid information in the SWSS_INI.INI file.*
Tracing	gbTracingIsOn	*A Boolean value (stored as a string) which determines if SQL tracing should be used while the user is running the SWSS application.*

SWSS_INI entry	VB global variable	Oracle table column/notes
Miscellaneous	gtMiscellaneous	*A free-for-all entry in the INI file used for special communications between some SWSS modules.*
Source Process	gtSourceProcess	*A string specifying the name of the executable which called the current SWSS module.*
Autoflow	gtAutoflow	*A boolean flag (stored as a string) which determines if the user is in Autoflow mode or not.*
KeepBlankVisible	N/A	*A boolean flag (stored as a string) which indicates if the blank form in the BlankScreen project should still be visible. If a timer in the BlankScreen project detects that this flag has been set to "False", then the Blank Screen application shuts itself down.*
Kill	N/A	*Used by the Main Menu after a Re-Login failure to help shut down the SWSS app.*
[Current User]		
User Name	gsUserName	*The current user's Oracle account username.*
Password	gsPasswd	*The current user's Oracle account password. The entry in the SWSS_INI.INI file is encrypted. The decrypted value is stored in the* gsPasswd *global variable.*
Worker ID	gtWorkerID	SWSS.security.worker_id
Program(s)	gtPrograms	SWSS.load_program.program_code (*Note: The value in this INI entry and its global variable is a comma-separated string of program codes. Some of the program codes that could be in this string are not found in the SWSS.program table. The values SEC and SC84 refer to security coordinators. This value may also be blank (or NULL) if the user is a PDC user.*)
County Code	gtUserCountyCode	SWSS.load.county_no (*Note: If the username has multiple active load numbers across multiple counties, the highest numbered county number is returned. This possibility should be rare*)
Security Level	gtUserSecurityLevel	SWSS.security.security_code (*Note: The entry value in the SWSS_INI.INI file is encrypted. The decrypted string value is stored in the* gtUserSecurityLevel *global variable.*)
[Case Info]		
Log Number	gtLogNumber	SWSS.swss_case.log_id
Case County	gtCaseCounty	SWSS.swss_case.county_no

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

SWSS_INI entry	VB global variable	Oracle table column/notes
Case Name	gtCaseName	SWSS.group_person.last_name SWSS.group_person.first_name
Child ID	gtChild_ID	SWSS.swss_case.child_id
3.) Legal Status	gtLegalStatus	SWSS.swss_case.latest_legal_status
Case Status (*Note: This is a comma-separated list with two elements. The first element is a single digit number and the second element is a three-digit number. The first element refers to Case Status and the second element refers to Case State*)	gtCaseStatus	SWSS.swss_case.program_status
	gtCaseState	SWSS.swss_case.swss_case_state
Load Number	gtWorkerLoadNumber	SWSS.load_case.load_no
Case Program Code	gtProgramCode	SWSS.swss_case.program_code
Goal Code	gtGoalCode	SWSS.cfc_info.goal_code
Confidential	gtConfidential	SWSS.swss_case.high_profile_ind
Update Mode	gtUpdateable	*This is a one or two character flag that helps to determine if the current user has update permissions on the selected case.* *U = The user has full update privileges.* *C = The user is currently in Corrections Mode.* *NU = The user does not have any update privileges on the selected case but may be able to view some of its data.* *SU = Selectively Updateable. It is up to the individual SWSS module to determine if this user can modify any data for the selected case. Usually used for Secondary Workers.* *SC = Selectively Correctable. Used when SU users activate Corrections mode.*
Responsibility	gtResponsibility	SWSS.load_case.responsibility
Primary Worker ID	gtPrimaryWorkerID	SWSS.swss_case.primary_worker_id
Transfer To County	gtTransferToCounty	SWSS.swss_case.transfer_to_county
PaymentsUpdate		
[Update Worker IDs]		
Worker ID [#] (*This is a list of entries that are labeled like Worker ID 1, Worker ID 2, etc*)	gtUpdateWorkers(x,y) (*This is a two dimensional string array holding values for each entry in this section. The x specifies the entry number (1, 2, 3, etc). The y specifies the value of the x entry.*)	SWSS.load_worker.worker_id and/or SWSS.load.alt_worker_id
[Secondary Worker Ids]		

SWSS_INI entry	VB global variable	Oracle table column/notes
Secondary Worker [#]	gtSecondaryWorkers(x,y) (*This is a two dimensional string array holding values for each entry in this section. The x specifies the entry number (1, 2, 3, etc). The y specifies the value of the x entry.*)	SWSS.load_worker.worker_id
[Provider]		
Provider ID	gtProv_ID	*See the Provider Technical Requirements document for more information on these SWSS_INI.INI file entries.*
Provider Type	gtProv_Type	
Placement ID	gtPlace_ID	
[Soundex]		
Last_Name		*See the Soundex and the Case Registration Technical Requirements documents for more information on these SWSS_INI.INI file entries.*
First_Name		
Legal_Status_CD		
Sex		
DOB		
SSN		
Client_ID		
Log_ID		
County_No		
Person_ID		
Sib_Grp_ID		

4.) This code also makes entries into the SQL_Time.ini file. The SQL_Time.ini is a text ledger that records the amount of time that some stored SQL procedures take to execute.

5.) This code also controls the running of a BlankScreen application. The sole purpose of this application is to display a blank gray form that fills the screen. This form is displayed so that some SWSS modules do not show the desktop before their Splash screen is loaded up. This same set of code also hides SWSS applications from the Windows NT Taskbar (and Task Manager) and then shows them again.   This was done to prevent users from switching back and forth between SWSS modules when two of them had to be running at the same time (such as when Legal calls the Comments module or when Medicaid sometimes calls the FIA Print 5S module).

6.)

Module Dependencies

If this module depends on other modules, or if other modules depend on this module, to an extent beyond what has been described in the "Integration with Existing System" section above, such as Medicaid requiring both Placement and Funding data, list and explain those dependencies here.

Every module depends on all of the code covered by the Common Elements module. All SWSS projects use the swss.bas, Aboutcfc.frm, Aboutcfc.frx, Error.frm, Error.frx, SWSS_INI.INI, and AdoConnection.cls files. There are also several projects that use the millerm7.bas code module. Also, almost all forms in all of the SWSS projects use the Common Menu Bar. The Common Menu Bar is stored in a stand-alone form file called SWSS_CommonMenus.frm.

Database Subject Area

- Show the tables with fields read, created, or modified here. (CRUD matrix, if you want to be fancy.)

- List the STORED PROCEDURES with detailed descriptions of how that stored procedure works (we're serious. We really need it!)
- Use the Interface specifications that were generated (by Ed?) for the stored procedure calls that the VB module makes.

Data Warehouse

If known, explain which items are added to the data warehouse and under what conditions they are written. Hopefully we can reference a document or set of documents supported by the data warehouse.

Technical Issues

Discuss any tricky things that happen in the module that someone who maintains the application may not recognize at first glance. Sibling group sharing, legal status switches, or reusing person IDs.

Test Plans

Include the test plan developed for this module, and references to any scenarios that apply to it.

Error and Warning Messages

In the **Error/Warning Text** column, text inside of <> signs indicates a variable element. Usually unexpected Visual Basic Error descriptions and line numbers go inside of these symbols. Any text inside of [] brackets is a clarification note which explains something about the message that may not be evident in the text of the error message. These notes are not a part of the error message text.

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Database Interruption	Auto-login attempt failed.	OK
Database Interruption	The Auto-login attempt was successful. Please retry your last action.	OK
SWSS Application Error Diagnosis Form	*<Visual Basic Error Description>* occurred on line *<line number>* in Function AttemptConnection of the SWSS_LOGIN.BAS code module.	Cancel Diagnosis
Error in Autoflow of SWSS.BAS	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred in Subroutine Autoflow of the SWSS.BAS code module.	OK
Error in AutoflowStatus of SWSS.BAS	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred in Subroutine AutoflowStatus of the SWSS.BAS code module.	OK
Type Ahead Feature Error	Entry containing *<entry typed by user>* not found.	OK
Type Ahead Feature Error	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred while attempting to type ahead in Combo Box named *<name of Visual Basic combo box>*.	OK
<Name of current application>	*<Visual Basic Error Description>* [Note: This is called from the error handler in the	OK

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
	bDeleteWorkerStdTickler function.]	
SWSS Application Error Diagnosis Form	*<Visual Basic Error Description>* occurred on line *<line number>* in Function bIsIntegerKey of the SWSS.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	*<Visual Basic Error Description>* occurred in Function bIsLeapYear of the MILLERM7.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	*<Visual Basic Error Description>* occurred in Function bIsValidDate of the MILLERM7.BAS code module.	Cancel Diagnosis
<Name of current application>	*<Visual Basic Error Description>* [Note: This is called from the error handler in the bPutWorkerStdTickler function.]	OK
Error in BreakUpLoadNumber of SWSS.BAS	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred in Subroutine BreakUpLoadNumber of the SWSS.BAS code module.	OK
Error in bStringCompare of SWSS.BAS	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred in function bStringCompare of the SWSS.BAS code module.	OK
Empty Text Field Error	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred while attempting to check a textbox for emptiness.	OK
<Name of current application>	*<Visual Basic Error Description>* [Note: This is called from the error handler in the bUpdateWorkerStdTickler function.]	OK
Error in CenterControl of SWSS.BAS	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred in Subroutine CenterControl of the SWSS.BAS code module.	OK
<Developer message>	*<Developer message>* data will NOT be saved	OK Cancel
SWSS Application Error Diagnosis Form	*<Visual Basic Error Description>* occurred on line *<line number>* in subroutine CheckForCorrections of the SWSS.BAS code module."	Cancel Diagnosis
Error in CleanUpObjects of SWSS.BAS	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred in Subroutine CleanUpObjects of the SWSS.BAS code module.	OK
Collection Error	Error # *<Visual Basic Error Number>* described as *<Visual Basic Error Description>* occurred while attempting to clear a collection.	OK
SWSS Application Error Diagnosis Form	*<Visual Basic Error Description>* occurred on line *<line number>* in subroutine ClearINI_Sections of the SWSS.BAS code module."	Cancel Diagnosis
Corrections Request Denied	You are allowed some update privileges on the selected case, however the case is closed and you do not have a Supervisor (or above) security level. Authorization to enter Corrections Mode on selected case is denied. Corrections Mode will be deactivated.	OK
Corrections Request Denied	You are allowed some update privileges on the selected case, and the case is open or active, however, the case is currently in a Registered	OK

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
	state. Corrections do not need to be performed on Registered cases. Authorization to enter Corrections Mode on selected case is denied. Corrections Mode will be deactivated.	
Corrections Request Denied	You do not have update privileges on the selected case and you do not have a security level assigned to you in relation to the selected case. Authorization to enter Corrections Mode on selected case is denied. Corrections Mode will be deactivated.	OK
Corrections Request Denied	You do not have update privileges on the selected case. Authorization to enter Corrections Mode on selected case is denied. Corrections Mode will be deactivated.	OK
Corrections Request Denied	You do not have a security level assigned to you in relation to the selected case. Authorization to enter Corrections Mode on selected case is denied. Corrections Mode will be deactivated.	OK
Error in CommonShell of SWSS.BAS	Error # <*Visual Basic Error Number*> described as <*Visual Basic Error Description*> occurred in Subroutine CommonShell of the SWSS.BAS code module.	OK
Crystal Reports Print Request	Report has been sent to the printer.	OK
Crystal Reports Engine Error: 20500	Not Enough Memory For Operation or Not Enough Memory To Get Selection Formula or Cannot Get Selection Formula. There is not enough memory available to complete the call.	OK
Crystal Reports Engine Error: 20501	Invalid Job Number. Internal error.	OK
Crystal Reports Engine Error: 20502	Invalid Text Handle or Parent Window Cannot Be An MDI Form orInvalid Parent Window Handle. You have specified an invalid window handle, or you have specified an MDI form as the parent of a print window.	OK
Crystal Reports Engine Error: 20503	Buffer Too Small For String. Internal error.	OK
Crystal Reports Engine Error: 20504	Report Not Found. You have specified a report that does not exist.	OK
Crystal Reports Engine Error: 20505	No Print Destination Specified or Invalid Print Destination. The Destination property must be 0, 1, or 2. You have specified a print destination other than one of these values.	OK
Crystal Reports Engine Error: 20506	Invalid File Number. You have tried to set an Nth file name and the file number you specified is out of the existing range: 0<= fileN < N files.	OK
Crystal Reports Engine Error: 20507	Invalid File Name. There is an error in the file name you specified.	OK
Crystal Reports Engine Error: 20508	Invalid Field Number. Internal error.	OK
Crystal Reports Engine Error: 20509	Invalid Field Name. You specified an invalid database field for a sort field. The program can't add the sort field name you specified.	OK
Crystal Reports Engine Error: 20510	Invalid Formula Name. The formula name you specified is invalid or nonexistent.	OK
Crystal Reports Engine Error: 20511	Invalid Sort Direction. A sort field must be preceded by a + or to indicate a valid sort direction.	OK
Crystal Reports Engine Error: 20512	Print Engine Not Open. Internal error.	OK

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Crystal Reports Engine Error: 20513	Invalid Printer The printer driver for the printer you specified is missing.	OK
Crystal Reports Engine Error: 20514	Print File Exists. The name you have specified for the print file already exists. You must delete the file and print again or specify a different file.	OK
Crystal Reports Engine Error: 20515	Error In Formula. There is a formula error in the replacement formula text. Review the formula syntax and retry.	OK
Crystal Reports Engine Error: 20517	Print Engine Already In Use. Internal error.	OK
Crystal Reports Engine Error: 20520	Print Job Already Started. You are trying to start a print job that has already been started. This can happen if the user starts a print job and then tries to start printing again before the previous printing has finished.	OK
Crystal Reports Engine Error: 20521	Invalid Summary Field. The summary field specified as a group sort field is invalid or nonexistent.	OK
Crystal Reports Engine Error: 20522	Not Enough System Resources. There are not enough Windows system resources to process the function.	OK
Crystal Reports Engine Error: 20524	Print Job Busy. You tried to initiate printing while Crystal Reports is already printing a job.	OK
Crystal Reports Engine Error: 20525	Unable To Load Report. There is something wrong with the report you are trying to open.	OK
Crystal Reports Engine Error: 20526	No Default Printer. You haven't specified a default printer. Specify a default printer via the Windows Control Panel.	OK
Crystal Reports Engine Error: 20527	SQL Server Error. There is a problem connecting with the SQL server.	OK
Crystal Reports Engine Error: 20529	Disk Full. When printing to file or when sorting, the program requires more room than is available on the disk.	OK
Crystal Reports Engine Error: 20530	File I/O Error. In trying to print to file, the program is encountering another file problem besides disk full.	OK
Crystal Reports Engine Error: 20531	Incorrect Password. You have specified an incorrect password.	OK
Crystal Reports Engine Error: 20532	Missing Database DLL. The database DLL is corrupt.	OK
Crystal Reports Engine Error: 20533	Unable To Open Database File. Something is wrong with the database you have specified. You may need to verify using the Database|Verify Database command.	OK
Crystal Reports Engine Error: 20534	Error Detected By Database DLL. The database DLL is corrupt.	OK
Crystal Reports Engine Error: 20535	Unable To Connect:Incorrect Session Parameters. You have attempted to log on using incomplete or incorrect session parameters.	OK
Crystal Reports Engine Error: 20536	Unable To Connect:Incorrect Log On Parameters. You have attempted to log on using incomplete or incorrect log on parameters.	OK
Crystal Reports Engine Error: 20537	Unable To Connect:Incorrect Table Location. The table you have specified cannot be found.	OK
Crystal Reports Engine Error: 20538	Parameter Has Invalid Structure Size. Internal error.	OK
Crystal Reports Engine Error: 20539	Invalid Print Date You have specified an Invalid date using the PrintYear, PrintMonth, and PrintDay properties.	OK
Crystal Reports Engine Error: 20540	Missing or Outofdate Export DLL The DLL required by your export call is either missing or outofdate.	OK

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Crystal Reports Engine Error: 20541	Error in Export DLL An export DLL has reported an error.	OK
Crystal Reports Engine Error: 20542	Already at the First Page You are using the previous page button control in the Preview window when you are already at the first page of the report.	OK
Crystal Reports Engine Error: 20543	Already at the Last Page You are using the next page button control in the Preview window when you are already at the last page of the report.	OK
Crystal Reports Engine Error: 20544	Report Open by Another User Access to the report file is denied. Another program or user may be using it.	OK
Crystal Reports Engine Error: 20545	User Has Cancelled Operation The user has Clicked the Cancel button in a dialog box during the session. If the user did not cancel the operation, please verify that the user has access privileges to the printer on this workstation.	OK
Crystal Reports Engine Error: 20546	OLE 2.0 Not Available The program cant open the report (which includes an OLE 2.0 object) because OLE 2.0 cannot be loaded.	OK
Crystal Reports Engine Error: 20547	Invalid Crosstab Group You have specified an invalid row or column field in your crosstab report.	OK
Crystal Reports Engine Error: 20548	Crosstab is Missing a Summarized Field You are trying to run a crosstab report without specifying a summarized field.	OK
Crystal Reports Engine Error: 20550	Invalid Page Number You have specified a page number that does not exist in the current report.	OK
Crystal Reports Engine Error: 20552	No Stored Procedure in the Report The current report does not use a table based on a stored procedure.	OK
Crystal Reports Engine Error: 20553	Invalid Parameter The parameter you have specified does not exist in the stored procedure, or the value you have specified for a parameter is invalid for that parameter.	OK
Crystal Reports Engine Error: 20554	Graph Does Not Exist The graph number you have indicated for the section does not exist.	OK
Crystal Reports Engine Error: 20555	Graph Type is Invalid The type of graph you have specified with the GraphType property is invalid.	OK
Crystal Reports Engine Error: 20557	Graph col Value Cannot be Changed If the report is not a crosstab, the col value of the GraphData property cannot be different than the graphs current value.	OK
Crystal Reports Engine Error: 20999	Operation Not Yet Implemented. Internal error.	OK
Crystal Reports Engine Error	Crystal Reports Error: <*Crystal Reports Error Number*> has occurred.	OK
Display_CR_Error	Error: <*Visual Basic Error Number*> described as: <*Visual Basic Error Description*> has occurred.	OK
ADO Error	<*An error message set by the developer*>Not an Oracle Error	OK

ADO Error	<*An error message set by the developer*>Error # <*ADO Error Number*>
	    Source: <*ADO Error Object Source property value*>
	    SQL State: <*ADO Error Object SQLState property value* >
	    NativeError: <*ADO Error Object NativeError property value*>
	<*ADO Error description*> HelpFile: <*ADO Error Object HelpFile property value*>
	    HelpContext: <*ADO Error Object HelpContext property value*>
		OK

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**

Terminal ADO Error	*<An error message set by the developer>*Error # *<ADO Error Number>*
	    Source: *<ADO Error Object Source property value>*
	    SQL State: *<ADO Error Object SQLState property value >*
	    NativeError: *<ADO Error Object NativeError property value>*
	<ADO Error description> HelpFile: *<ADO Error Object HelpFile property value>*
	    HelpContext: *<ADO Error Object HelpContext property value>*
	This error indicates that a problem may have occurred while trying to connect to the *<Database name>* database. It is possible that your 'tnsnames.ora' file does not contain an entry for this database string. Contact your System Administrator for more information.
		OK

ADO Error	*<An error message set by the developer>*Error # *<ADO Error Number>*
	    Source: *<ADO Error Object Source property value>*
	    SQL State: *<ADO Error Object SQLState property value >*
	    NativeError: *<ADO Error Object NativeError property value>*
	<ADO Error description> No Help file available
		OK

ADO Error	ERROR *<Visual Basic Error number>* defined as: *<Visual Basic Error description>* has occurred.	OK
SWSS Application Error Diagnosis Form	Printer driver does not support specified property. For more information, see the manufacturer's documentation for the specific driver.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	Problem getting printer information from the system; make sure the printer is set up correctly. This error has the following causes and solutions:" Cause 1: You don't have a printer installed from the Windows Control Panel. Solution 1: Open the Control Panel, double-click the Printers icon, and click Add Printer to install a printer. Cause 2: Your printer isn't online. Solution 2: Physically switch the printer online." Cause 3: Your printer is jammed or out of paper." Solution 3: Physically correct the problem.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	An error occurred at the printer, but no other information was returned to the computer that sent the file. You must physically examine the printer. Make sure all connections between computer and printer are solid. Most printers provide a display for error information such as 'Out of paper,' 'Offline,' and so on.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	Property cannot be set within a page. This error occurs when the same property is set differently on the same page.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	*<Visual Basic Error description>* occurred on line *<line number>* in subroutine DisplayPrintErrors of the SWSS.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	*<Visual Basic Error description>* occurred on line *<line number>* in subroutine ExterminateSWSS of the	Cancel Diagnosis

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
	SWSS.BAS code module.	
Error in ExtractINI_Info of SWSS.BAS	Error # <*Visual Basic Error number* > described as <*Visual Basic Error description*> occurred in Subroutine ExtractINI_Info of the SWSS.BAS code module.	OK
Error in fCentralOfficeAdoption of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine fCentralOfficeAdoption_Info of the SWSS.BAS code module.	OK
Error in FillQueriedResultset of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine FillQueriedResultset of the SWSS.BAS code module.	OK
Error Loop in FillQueriedResultset of SWSS.BAS	This subroutine has errored 3 times and may be stuck in a loop. Leaving subroutine.	OK
<*Application Name*>	Error: <*Visual Basic Error number*> has occurred. Defined as: <*Visual Basic Error description*>	OK
<*Application Name*>	Error: database connection string unrecognized. Defaulting to development server	OK
Error in GetCorrectionsInfo of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine GetCorrectionsInfo of the SWSS.BAS code module.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine HideFromTaskbar of the SWSS.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function iFlexibleSelectItem of the SWSS.BAS code module.	Cancel Diagnosis
Error in IncrementMessageDots of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine IncrementMessageDots of the SWSS.BAS code module.	OK
<*Application Name*>	<*Executable filename and path*> was not found.	OK
Error in LaunchEXE of SWSS.BAS	<*Name of SWSS section*> process was not launched successfully.	OK
Error in LaunchEXE of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine LaunchEXE of the SWSS.BAS code module.	OK
Error in lBrakeOutElements of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine lBrakeOutElements of the SWSS.BAS code module.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine mActivateSQL_Tracing of the SWSS.BAS code module.	Cancel Diagnosis
Invalid Process Request	Access to Case Registration is denied because the case is in a(n) <*SWSS Case State description*> state.	OK
Invalid Process	Selected process only supports Foster Care, Adoption, or Juvenile	OK

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Request	Justice cases. Access is denied.	
CPS Transfer Info Access Denied	CPS Transfer Information for unregistered cases only. This case has a state code of <*SWSS Case State code*>.	OK
CPS Transfer Info Access Denied	CPS Transfer Information only supports Foster Care, Adoption, or Juvenile Justice cases. This case falls within the <*SWSS Program code*> program.	OK
Unable To Fulfill Process Request	Unknown Process of <*SWSS application .exe filename*>.	OK
Non-Corrections Module Selected	Access to the <*SWSS Section name*> module is not permitted while in Corrections mode.	OK
<*SWSS Case State*> Warning! [Note: <*SWSS Case State*> will either be "Referred To Adoption" or "Unregistered"]	Selected case is flagged as <*SWSS Case State*> <*SWSS Case Program phrase*> and selected process does not support that type of case. [Note: <*SWSS Case State*> will either be "Referred To Adoption" or "Unregistered". <*SWSS Case Program phrase*> will be either " Adoption Case", " Child Foster Care Case", " Juvenile Justice Case", " Child Protective Services Case", " Referral Case" or " (unknown case program)".]	OK
<*Application Name*>	Selected case is flagged as confidential; access is limited to the Case Summary section.	OK
Error in mAppShellingVariables of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine mAppShellingVariables of the SWSS.BAS code module.	OK
Illegal Section For Case State <*SWSS Case State code*>	A Supervisor must do something with the selected case before you may use the <*SWSS application .exe filename*> section.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function mbCaseStateNot430Or440 of the SWSS.BAS code module.	Cancel Diagnosis
Invalid Process Request	<*SWSS Program phrase*>with a legal status of <*SWSS Legal Status code*>(<*SWSS Legal Status description*>); Funding Determination can not be accessed due to legal status. [Note: <*SWSS Program phrase*> will be either "The selected case is an Adoption case ", "The selected case is a Foster Care case ", "The selected case is a Juvenile Justice case ", "The selected case is a Child Protective Services case ", "The selected case is a Referral case ", or "The selected case is an unknown case ". <*SWSS Legal Status description*> will be either "Court Ward-Supervision Adoption", "OTI-Delinquent", "OTI-Neglect", "OTI-Adoption", or "Non-Ward-Del.Petition Filed"]	OK
Invalid Process Request	Access to Funding Determination is denied.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function mbGrantAccessToFunding of the SWSS.BAS code module.	Cancel Diagnosis
Invalid Process Request	Access to this process is denied because you do not have the proper permissions.	OK
Invalid Process	Access to this process is denied because a log number has not been	OK

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Request	selected.	
Invalid Process Request	Access to M.A.R.E. is denied; child is already in an adoptive placement.	OK
Invalid Process Request	Access to M.A.R.E. is denied; the goal for this ward is not adoption.	OK
Invalid Process Request	Access to M.A.R.E. is denied; this temporary ward's case has not been assigned to an adoption worker.	OK
Invalid Process Request	Access to M.A.R.E. is denied.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function mbGrantAccessToMARE of the SWSS.BAS code module.	Cancel Diagnosis
Invalid Process Request	Selected case is assigned to an OTI legal status. Access is denied.	OK
Invalid Process Request	Selected case is assigned to the 'Court Ward-Supervision Adoption (43)' legal status. Access is denied.	OK
Invalid Process Request	Selected case is assigned to the 'Non-Ward-Del.Petition Filed (50)' legal status. Access is denied.	OK
Invalid Process Request	Selected case is assigned to a state which does not permit access to the Payments process. Access is denied.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function mbGrantAccessToPayments of the SWSS.BAS code module.	Cancel Diagnosis
Error in mDetermineSourceProcess of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine mDetermineSourceProcess of the SWSS.BAS code module.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function mFlowToEducation of the SWSS.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function miConnectionErrors of the SWSS.BAS code module.	Cancel Diagnosis
Serious Application Error	A serious application error has occured! Contact the help desk and report the following error message: Visual Basic Error # <*Visual Basic Error number*> <*Visual Basic Error description*> Shutting down the SWSS application. Your SWSS session will be terminated.	OK
Serious Application Error	A serious application error has occured! Contact the help desk and report the following error message: Visual Basic Error # <*Visual Basic Error number*> <*Visual Basic Error description*> If the invalid procedure was a read-only procedure, the <*Application Name*> process may be shut down and you may be returned to the Main Menu.	OK
Error in mInvalidPackage of	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*>	OK

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
GLOBAL.BAS	occurred in Subroutine mInvalidPackage of the GLOBAL.BAS code module.	
IniFile Logic Error	[Section] and FileName Not Registered in Swss.ini!	OK
Previous Instance Detected!	A previous instance of the SWSS Children's application has been detected. This Login session will be canceled. Please check your task bar and select the active Children's module to continue working.	OK
SWSS Application Error Diagnosis Form	*<Visual Basic Error description>* occurred on line *<line number>* in Subroutine mShutDownOthers of the SWSS.BAS code module.	Cancel Diagnosis
Error in PreviousInstance of SWSS.BAS	Error # *<Visual Basic Error number>* described as *<Visual Basic Error description>* occurred three (3) times in Subroutine PreviousInstance of the SWSS.BAS code module. Previous Instance detection terminated.	OK
Error in PreviousInstance of SWSS.BAS	Error # *<Visual Basic Error number>* described as *<Visual Basic Error description>* occurred in Subroutine PreviousInstance of the SWSS.BAS code module.	OK
Error in ReplaceString of SWSS.BAS	Error # *<Visual Basic Error number>* described as *<Visual Basic Error description>* occurred in Subroutine ReplaceString of the SWSS.BAS code module.	OK
Error in SetEnabledProperty of SWSS.BAS	Error # *<Visual Basic Error number>* described as *<Visual Basic Error description>* occurred in Subroutine SetEnabledProperty of the SWSS.BAS code module.	OK
Error in SetVisibleProperty of SWSS.BAS	Error # *<Visual Basic Error number>* described as *<Visual Basic Error description>* occurred in Subroutine SetVisibleProperty of the SWSS.BAS code module.	OK
SWSS Application Error Diagnosis Form	*<Visual Basic Error description>* occurred on line *<line number>* in subroutine ShowMeInTaskbar of the SWSS.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	*<Visual Basic Error description>* occurred on line *<line number>* in subroutine SQL_TracingStatus of the SWSS.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	*<Visual Basic Error description>* occurred on line *<line number>* in Subroutine SSN_Validation of the SWSS.BAS code module.	"End Session" Diagnosis
Error in tBuildDelimitedString of SWSS.BAS	Error # *<Visual Basic Error number>* described as *<Visual Basic Error description>* occurred in function tBuildDelimitedString of the SWSS.BAS code module.	OK
Error in tBuildLoadNumber of SWSS.BAS	Error # *<Visual Basic Error number>* described as *<Visual Basic Error description>* occurred in function tBuildLoadNumber of the SWSS.BAS code module.	OK
SWSS Application Error Diagnosis Form	*<Visual Basic Error description>* occurred on line *<line number>* in Function tCaseStateDescription of	Cancel Diagnosis

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

SWSS.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
	the SWSS.BAS code module.	
SWSS.BAS: Internal Application Error	Error Number: <*Visual Basic Error number*> <*Visual Basic Error description*>	OK
Directory Path Error	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in function tDirectoryBackSlash of the SWSS.BAS code module while attempting to append a backslash to '<*Directory Path*>'.	OK
SWSS.BAS: Internal Application Error	Error Number: <*Visual Basic Error number*> <*Visual Basic Error description*>	OK
Error in tGetAppPath of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in function tGetAppPath of the SWSS.BAS code module.	OK
Error in tNthString of SWSS.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in function tNthString of the SWSS.BAS code module.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function tShortCaseName of the SWSS.BAS code module.	Cancel Diagnosis
Could Not Unload Error Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine UnloadErrorForm of the SWSS.BAS code module.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function bSaferSetFocus of the SWSS.BAS code module.	Cancel Diagnosis

MILLERM7.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Password Length Too Short	Entered password must be at least 6 characters long and no longer than 8 characters. Please choose a different password.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function bPasswordMinLength of the MILLERM7.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function bSynchronizeSynonyms of the MILLERM7.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine CallSQL_Procedure of the MILLERM7.BAS code module. This occurred while trying to execute the stored procedure called by <*Stored SQL Procedure calling string*>	Cancel Diagnosis
SWSS Application Error Diagnosis Form	The CallSQL_Procedure subroutine has errored 3 times and may be stuck in a loop. Leaving subroutine.	Cancel Diagnosis
Unknown Program Code	Security issues not yet developed for program code <*SWSS Case Program Code*>.	OK
Unknown Program	Unknown status code <*SWSS Case Status Code*> for case in program	OK

MILLERM7.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Status Code	code <*SWSS Case Program Code*>	
Error in CaseProgramAndStatus of MILLERM7.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine CaseProgramAndStatus of the MILLERM7.BAS code module.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine CheckLoginUserWorkerID of the MILLERM7.BAS code module.	Cancel Diagnosis
Required FIA-5S Edit Check	The Corrections process is not complete. You will now be sent to the FIA-5S Report to complete it.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Subroutine CrrctnsPrint5Smessage of the MILLERM7.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine DeleteINI_Files of the MILLERM7.BAS code module.	Cancel Diagnosis
Error in ExecuteActionQuery of MILLERM7.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine ExecuteActionQuery of the millerm7.bas code module.	OK
Error in ExtractCommandLineElements of GLOBAL.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine ExtractCommandLineElements of the GLOBAL.BAS code module.	OK
Insufficient Privileges	You have selected a Childrens Protective Services case and your profile does not allow you access to that type of a case. Please select a different Log Number.	OK
Insufficient Privileges	You have selected an FAJ case and your profile does not allow you access to that type of a case. Please select a different Log Number.	OK
Insufficient Privileges	You have selected an unknown type of case and your profile does not allow you access to that type of a case. Please select a different Log Number.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine fCheckProgramCodeList of the MILLERM7.BAS code module.	Cancel Diagnosis
Error in fCheckSecurityLevel of MILLERM7.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine fCheckSecurityLevel of the MILLERM7.BAS code module.	OK
Error in fSetUpdateMode of FRMINIT.FRM	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine fSetUpdateMode of the FRMINIT.FRM form module.	OK
Record Not Found	The log number you have entered was not detected in the SWSS System. Please select OK to go to Case Listing or Cancel to abort the search for the entered log number.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine GetCaseInformation of the MILLERM7.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine GetSecondaryWorkers	Cancel Diagnosis

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

MILLERM7.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
	of the MILLERM7.BAS code module.	
Error in gtConvertOracleDate of millerm7.bas	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in function gtConvertOracleDate of the millerm7.bas code module.	OK
<*Application Name*>	Date is not in the form of 'mm/dd/yyyy'!	OK
Error in gtConvetToOracleDate of GLOBAL.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in function gtConvetToOracleDate of the GLOBAL.BAS code module.	OK
Invalid Character Entry	<*SWSS Field Type*> may not begin with a number or an underscore character. Please start <*SWSS Field Type*> with an alphabetic letter. [Note: The value of <*SWSS Field Type*> should be limited to "Username" or "Password".]	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function i1stUNamePwdChar of the MILLERM7.BAS code module.	Cancel Diagnosis
Invalid Character Entry	You may only enter numbers, letters, or underscore characters in this field.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function iUNamePwdCharacter of the MILLERM7.BAS code module.	Cancel Diagnosis
Selected Record Not Found	The log number you have entered was not detected in the SWSS System. Please select OK to go to Case Listing or Cancel to abort the search for the entered log number.	OK Cancel
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine MainMenu_GetCaseInfo of the MILLERM7.BAS code module.	Cancel Diagnosis
Serious Application Error	A serious application error has occured! Contact the help desk and report the following error message: Visual Basic Error # <*Visual Basic Error Number*> <*Visual Basic Error Description*> Shutting down the SWSS application. Your SWSS session will be terminated.	OK
Serious Application Error	A serious application error has occured! Contact the help desk and report the following error message: Visual Basic Error # <*Visual Basic Error Number*> <*Visual Basic Error Description*> If the invalid procedure was a read-only procedure, the <*Application Name*> process may be shut down and you may be returned to the Main Menu.	OK
Error in mInvalidPackage of MILLERM7.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine mInvalidPackage of the MILLERM7.BAS code module.	OK
Error in SelectAllText of GLOBAL.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine SelectAllText of the GLOBAL.BAS code module.	OK

MILLERM7.BAS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine SendAppNameToDB of the MILLERM7.BAS code module.	Cancel Diagnosis
Error in SelectAllText of GLOBAL.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Store_SQL_Time of the GLOBAL.BAS code module.	OK
Illegal Report Type	An illegal report type of <*Adoption Activity Report Type*> was passed to the tADPT_ProgressDue function. This error will return an incorrect date of <*date*>. Look for this date to indicate which screen field is causing a problem. Then report this error.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function tADPT_ProgressDue of the MILLERM7.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function tBuildSQLString of the MILLERM7.BAS code module.	Cancel Diagnosis
Required Log Number Not Detected	A log number was not detected and one is required to access the selected section. Select OK to go to Case Listing, Cancel to abort section access request.	OK Cancel
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Subroutine TicklerShells of the MILLERM7.BAS code module.	Cancel Diagnosis
Error in tTimeSpan of GLOBAL.BAS	Invalid date detected in function tTimeSpan of the GLOBAL.BAS code module.	OK
Error in tTimeSpan of GLOBAL.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in function tTimeSpan of the GLOBAL.BAS code module.	OK
Error in ValidateCommandLine Element of GLOBAL.BAS	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine ValidateCommandLineElement of the GLOBAL.BAS code module.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function bUserAlreadyLoggedIn of the MILLERM7.BAS code module.	Cancel Diagnosis

ERROR.FRM		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Error in fSpecialSizes of ERROR.FRM	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in on line <*line number*> of Subroutine fSpecialSizes of the ERROR.FRM form module.	OK
Printing Error	<*Visual Basic Error description*> occurred on line <*line number*> in Control Event cmdPrint_Click of the	OK

ERROR.FRM		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
	ERROR.FRM form module. The Error Form cannot be printed at this time.	
Error in frmAboutCFC_Form_Load of ABOUTCFC.FRM	Could not get Operating System Version Information.	OK
Error in frmErrorForm_Load of ERROR.FRM	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine frmErrorForm_Load of the ERROR.FRM form module.	OK

ABOUTCFC.FRM		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Error in Control_Event of FORM1.FRM	Error # <*Visual Basic Error number*> described as <*Visual Basic Error description*> occurred in Subroutine Control_Event of the FORM1.FRM form module.	OK

ADOCONNECTION.CLS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Oracle Connection Failure	All Oracle database nodes are currently unavailable. Please contact the Database Administrator.	OK
Oracle Connection Failure	All Oracle database nodes are currently unavailable. Please contact the Database Administrator. The application will now shut down.	OK
Database Interruption	Auto-login attempt failed.	OK
Database Interruption	The Auto-login attempt was successful. Please retry your last action.	OK
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function AttemptConnection of the SWSS_LOGIN.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in subroutine mActivateSQL_Tracing of the SWSS.BAS code module.	Cancel Diagnosis
SWSS Application Error Diagnosis Form	<*Visual Basic Error description*> occurred on line <*line number*> in Function miConnectionErrors of the SWSS.BAS code module.	Cancel Diagnosis
Simultaneous Oracle Session Limit Exceeded	Exceeded simultaneous sessions limit for user <*Username*> on the <*Oracle database name*> database. Someone logged in as this user must log off before this user may have access to this SWSS database.	OK
Locked Oracle	The <*Username*> Oracle account has been locked because an invalid	OK

SWSS Project   FIA
Technical Requirements
Common Elements Module   November 12, 1999

ADOCONNECTION.CLS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Account	password was entered at least three times. Please contact a Security Administrator to reset this password.	
[Note: This error message is stored in the NT Event log. View messages generated here by running the "Event Viewer" application in the Start…Programs…Administrative Tools (Common) program group]	An error has occurred in the NoAutoLogin function of the <*Application Name*> application. The error description is <*Visual Basic Error description*> and the error code is <*Visual Basic Error code*>	N/A
Re-Login Not Possible, necessary file missing.	The SWSSLoginDLL file either is not registered or cannot be found, on your computer. Please contact the Help Desk to have the file properly installed. The application will now be shutdown.	OK
Oracle Session Killed	Your session has apparently been killed on the <*SWSS Database name*> database. Please contact your Oracle Administrator for details.	OK
Oracle Connection Failure	Your Oracle connection on the <*SWSS Database name*> database has apparently collapsed. An auto-reconnection is being attempted.	OK
Oracle Connection Failure	Your Oracle connection on the <*SWSS Database name*> database has apparently collapsed. An auto-reconnection is being attempted.	OK
Oracle Connection Failure	Your Oracle connection on the <*SWSS Database name*> database has apparently collapsed. An auto-reconnection is being attempted.	OK
[Note: This error message is stored in the NT Event log. View messages generated here by running the "Event Viewer" application in the Start…Programs…Administrative Tools (Common) program group]	An error has occurred in the TryEachNode function of the <*Application Name*> application. The error description is <*Visual Basic Error description*> and the error code is <*Visual Basic Error code*>	N/A
Invalid User/Password Combination	The username/password combination you entered does not match any existing SWSS accessible Oracle account on the <*SWSS database name*> database. Please retype your user name and password.	OK
Expired Password	This password has expired either because it is the first time <*username*> has logged into SWSS, a Security Administrator has reset the password for <*SWSS database name*>, or it has been at least 90 days since the password was last changed. Please reset this password now.	OK
Password Expiration Warning	Your password will expire soon. Do you wish to change your password now?	Yes No
[Note: This error message is stored in	An error has occurred in the UserActionRequired function of the <*Application Name*> application. The error description is <*Visual Basic*	N/A

ADOCONNECTION.CLS		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
the NT Event log. View messages generated here by running the "Event Viewer" application in the Start…Programs…Ad ministrative Tools (Common) program group]	*Error description>* and the error code is *<Visual Basic Error code>*	

FRMSPLASH.FRM		
Error/Warning Title	**Error/Warning Text**	**Available response buttons**
Error in frmSplash_Form_Load of frmSplash.FRM	Could not get Operating System Version Information.	OK